Contents of Volume 107

Number 1 – January 1992

Review article

Disorders of neuromuscular transmission due to natural environmental toxins
N. Senanayake and G.C. Román (U.S.A., Sri Lanka) 1

Research articles

Non-traumatic subarachnoid hemorrhage with normal angiogram. Long-term follow-up and CT predictors of complications
A. Ferbert, I. Hubo and R. Biniek (Germany) 14

Focal reductions of cerebral blood flow in amyotrophic lateral sclerosis: a [^{99m}Tc]-*d,l*-HMPAO SPECT study
G. Waldemar, S. Vorstrup, T.S. Jensen, A. Johnsen and G. Boysen (Denmark) 19

Is Parkinson's disease a mitochondrial disorder?
Y. Nakagawa-Hattori, H. Yoshino, T. Kondo, Y. Mizuno and S. Horai (Japan) 29

Positron emission tomography (PET) in "pure akinesia"
T. Taniwaki, S. Hosokawa, I. Goto, N. Fujii, M. Otsuka, Y. Kuwabara, Y. Ichiya, K. Hasuo and M. Kato (Japan) 34

Vanishing CT lesions in epilepsy
J.S. Chopra, I.M.S. Sawhney, N. Suresh, S. Prabhakar, U.K. Dhand and S. Suri (India) 40

Cortical somatosensory evoked potentials in spinal cord injury patients
A. Berić (U.S.A.) 50

Duchenne muscular dystrophy in Tunisia: a clinical and morphological study of 77 cases
M. Ben Hamida, N. Miladi, I. Turki and H. Zaiem (Tunisia) 60

Clinical variability of autosomal dominant spinal muscular atrophy
M. Rietschel, S. Rudnik-Schöneborn and K. Zerres (F.R.G.) 65

Myotonic and repetitive discharges in hypokalemic myopathy associated with glycyrrhizin-induced hypochloremia
R. Hayashi, T. Maruyama, K. Maruyama, S. Yanagawa, K. Tako and N. Yanagisawa (Japan) 74

Myelin deficiency in female rats due to a mutation in the PLP gene
A.H. Koeppen, C.K. Csiza, A.M. Willey, M. Rønne, K.D. Barron, R.E. Dearborn and C.G. Hurwitz (U.S.A., Denmark) 78

Evidence for intramitochondrial complementation between deleted and normal mitochondrial DNA in some patients with mitochondrial myopathy
S.R. Hammans, M.G. Sweeney, I.J. Holt, J.M. Cooper, A. Toscano, J.B. Clark, J.A. Morgan-Hughes and A.E. Harding (U.K.) 87

Gangliosides and sialoglycoproteins in hypothalamus of normal, postnatal, and pre- and postnatal protein undernourished rats
V.M.T. Trindade, M.L.S. Perry and E.A. Bernard (Brazil) 93

Antibody titers to HTLV-I-p40^{tax} protein and gag-env hybrid protein in HTLV-I-associated myelopathy/tropical spastic paraparesis: correlation with increased HTLV-I proviral DNA load
J.-i. Kira, M. Nakamura, T. Sawada, Y. Koyanagi, N. Ohori, Y. Itoyama, N. Yamamoto, Y. Sakaki and I. Goto (Japan) 98

Lipopigment in rat hippocampal and Purkinje neurones after chronic phenytoin administration
J.H. Dowson, H. Wilton-Cox and N.T. James (U.K.) 105

Antibodies to acidic glycolipids in Guillain-Barré syndrome and chronic inflammatory demyelinating polyneuropathy
A.A. Ilyas, F.A. Mithen, M.C. Dalakas, Z.-W. Chen and S.D. Cook (U.S.A.) 111

Book reviews and books received 122

Announcements 124

Number 2 – February 1992

Obituary

Sigvald Refsum (1907–1991)
R. Nyberg-Hansen (Norway) 125

Review article

Multiple sclerosis. Observations and reflections – a personal memoir
C.M. Poser (U.S.A.) 127

Editorial

Multiple sclerosis: additional thoughts
B.G.W. Arnason (U.S.A.) 141

Research articles

Early morphological features in dominantly inherited demyelinating motor and sensory neuropathy (HMSN type I)
A.A.W.M. Gabreëls-Festen, E.M.G. Joosten, F.J.M. Gabreëls, F.G.I. Jennekens and T.W. Janssen-van Kempen (Netherlands) 145

A correlation study between blink reflex habituation and clinical state in patients with Parkinson's disease
H. Matsumoto, H. Noro, Y. Kaneshige, S. Chiba, N. Miyano, Y. Motoi and Y. Yanada (Japan) 155

The decrease of CD8-positive lymphocytes in Alzheimer's disease
T. Pirttilä, S. Mattinen and H. Frey (Finland) 160

Spasm of fixation: a quantitative study
J.L. Johnston, J.A. Sharpe and M.J. Morrow (Canada) 166

Accumulation of tubular structures in oligodendroglial and neuronal cells as the basic alteration in multiple system atrophy
M.I. Papp and P.L. Lantos (Hungary, U.K.) 172

Visual evoked cortical responses and electroretinograms following implantation of human fetal mesencephalon to the right caudate nucleus in Parkinson's disease
B. Henderson, P.A. Good, E.R. Hitchcock, C.G. Clough, R.C. Hughes and B.G. Kenny (U.K.) 183

The effects of post-ischemic hypothermia on the neuronal injury and brain metabolism after forebrain ischemia in the rat
H. Chen, M. Chopp, A.M.Q. Vande Linde, M.O. Dereski, J.H. Garcia and K.M.A. Welch (U.S.A.) 191

Striatal degeneration and spongy myelinopathy in glutaric acidemia
D. Soffer, N. Amir, O.N. Elpeleg, J.M. Gomori, R.S. Shalev and S. Gottschalk-Sabag (Israel) 199

Physiological study of the spinothalamic tract conduction in multiple sclerosis
R. Kakigi, Y. Kuroda, R. Neshige, C. Endo and H. Shibasaki (Japan) 205

Aluminium accumulation in relation to senile plaque and neurofibrillary tangle formation in the brains of patients with renal failure
J.M. Candy, F.K. McArthur, A.E. Oakley, G.A. Taylor, C.P.L.-H. Chen , S.A. Mountfort, J.E. Thompson, P.R. Chalker, H.E. Bishop, K. Beyreuther, G. Perry, M.K. Ward, C.N. Martyn and J.A. Edwardson (U.K., F.R.G., U.S.A.) 210

Plasma amino acid levels in patients with amyotrophic lateral sclerosis
Y. Iwasaki, K. Ikeda and M. Kinoshita (Japan) 219

Presence of low amounts of "neuronal" antigens in cultured human skin fibroblasts
J.P. Blass, K.-F. Rex Sheu, L.-W. Ko, C.L. Bancher, H.M. Wisniewski, M. Bouvier, J.T. Duffy and A.C. Baker (U.S.A.) 223

A homologue of dystrophin is expressed at the blood vessel membrane of DMD and BMD patients: immunological evidence
N. Augier, J. Boucraut, J. Léger, M. Anoal, L.V.B. Nicholson, M.A. Voelkel, J.J. Léger and J.F. Pellissier (France, U.K.) 233

Tryptophan and biogenic amine metabolites in post-mortem human cisternal fluid: effects of post-mortem interval and agonal time
J. Kärkelä and M. Scheinin (Finland) 239

Reversal of cognitive impairment by heptyl physostigmine, a long-lasting cholinesterase inhibitor, in primates
N.M.J. Rupniak, S.J. Tye, C. Brazell, A. Heald, S.D. Iversen and P.G. Pagella (U.K, Italy) 246

Letter to the Editor

What is the effect of ageing on type 2 muscle fibres?
J. Lexell and D. Downham (Sweden, U.K.) 250

Books received 252

News and Notes 253

Author index (Vol. 107) 254

Subject Index (Vol. 107) 257